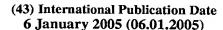


TION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau





PCT

(10) International Publication Number WO 2005/000725 A1

(51) International Patent Classification⁷: B65H 51/28, 51/30, 59/38, 69/00, C03C 25/10, G02B 6/44

(21) International Application Number:

PCT/FI2004/000377

(22) International Filing Date: 21 June 2004 (21.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 20030962

27 June 2003 (27.06.2003) F.

(71) Applicant (for all designated States except US): NEX-TROM HOLDING S.A. [CH/CH]; 15, rue de la Gare, CH-1110 Morges (CH).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): HEINONEN, Risto [FI/FI]; Kanervakatu 3, FI-05800 Hyvinkää (FI). TASK-INEN, Pertti [FI/FI]; Kaartilantie 75, FI-51820 Hatsola (FI). AUNOLA, Mika [FI/FI]; Haikolankatu 2 C, FI-55100 Imatra (FI).
- (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 Helsinki (FI).

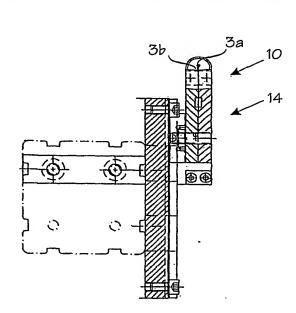
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM,

[Continued on next page]

(54) Title: METHOD AND ARRANGEMENT IN FIBRE-LIKE PRODUCT PROCESSING



(57) Abstract: A method and an arrangement in processing a fibre-like product. When the first product (3a) ends a new product (3b) is guided to a process unit and further through it. The new product (3b) is guided to be ready in the vicinity of the unit. The invention comprises a gripping unit (14) having a backing surface (15) with a curved portion. The new product (3b) is arranged to be pressed against the surface (15). When the first product (3a) ends the locking between the new product (3b) and the curved portion of the surface (15) and the portion in front thereof is released first, whereby the new product (3b) straightens out and the first end of the product (3b) moves on. Only thereafter the locking is released for other portions of the surface, whereby the tail end of the first product (3a) draws along a new product (3b) at a speed equal to that of the line.